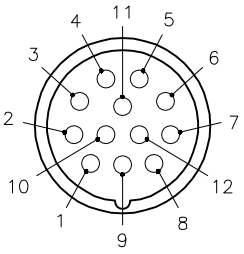
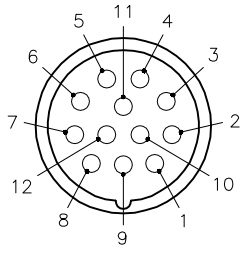
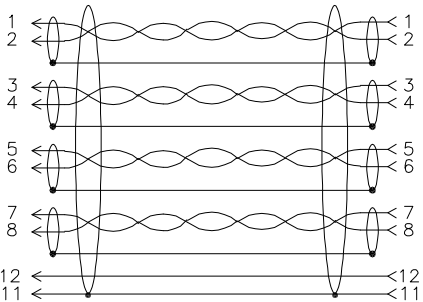
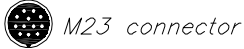
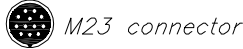


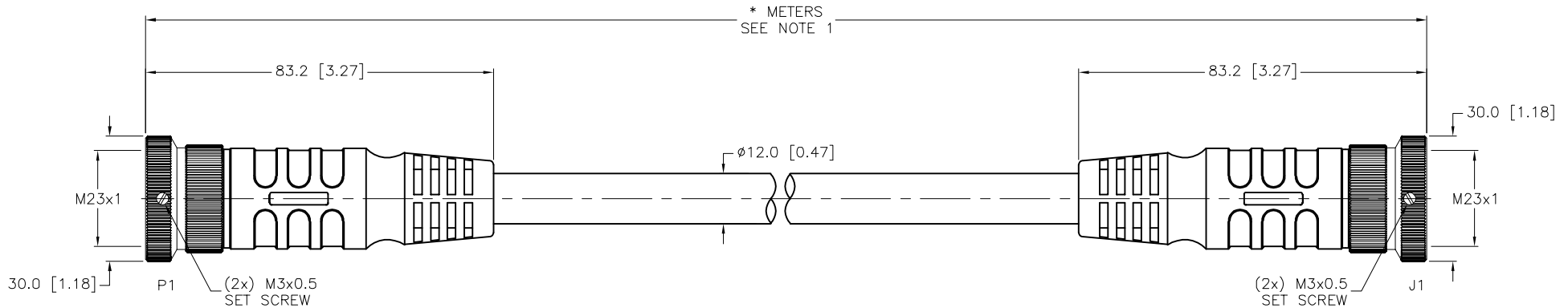
MALE END VIEW	FEMALE END VIEW	WIRING DIAGRAM	SPECIFICATIONS	
 1 = WHT/BLK 2 = BLK/WHT 3 = WHT/GRN 4 = GRN/WHT 5 = WHT/RED 6 = RED/WHT 7 = WHT/ORG 8 = ORG/WHT 9 = N/C 10 = N/C 11 = DRAIN 12 = GRN/YEL			CONTACT CARRIER MATERIAL	NYLON or PBT
			MOLDED HEAD MATERIAL/COLOR	TPU/BLACK
			CONTACT MATERIAL/PLATING	BRASS/GOLD
			COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
			RATED CURRENT [A]	3.0 A
			RATED VOLTAGE [V]	300 V
			OUTER JACKET MATERIAL/COLOR	PVC/PLUM
			CONDUCTOR INSULATION MATERIAL	PVC/NYLON (NYLON OVERCOAT)
			NUMBER OF CONDUCTORS [AWG]	8x18 AWG, 1x20 AWG GROUND
			DRAIN/SHIELD	5x20 AWG DRAINS/ALUMINUM-POLYESTER FOIL
			CONDUCTOR ARRANGEMENT	4 SHIELDED TWISTED PAIR W/DRAIN, 1 GND, 1 DRAIN
			TEMPERATURE RANGE	-40°C to +105°C (-40°F to +221°F)
			PROTECTION CLASS	IEC IP67
			CABLE RATINGS	UL: ITC-ER/PLTC-ER, DIRECT BURIAL, 105°C CSA: CIC/TC, 90°C, 300V C(UL) C22.2 NO 245/1309 MARINE SHIPBOARD/IEEE 1580



M23 connector



M23 connector

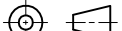


CABLE LENGTH	TOLERANCE*
ALL LENGTHS	+ 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH WHICHEVER IS GREATER
STRIP LENGTH	TOLERANCE*
0-7mm	±0.5mm
8-29mm	±1.0mm
30-49mm	±2.0mm
50-69mm	±3.0mm
70-100mm	±4.0mm
OVER 100mm	±5.0mm
* UNLESS OTHERWISE SPECIFIED	

NOTES:

1. "*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS 1. 2. 3. 4.	3RD ANGLE PROJECTION 	THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us	
					
MATERIAL SEE SPECIFICATIONS	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY CONTACT TURCK FOR MORE INFORMATION	DRFT RDS	DATE 06/09/14	DESCRIPTION P-CSML CKML 12-2031-*	
FINISH SEE SPECIFICATIONS		APVD L.H.	SCALE 1=1.5	IDENTIFICATION NO.	
		UNIT OF MEASUREMENT MILLIMETER [INCH]		REV D	
		DO NOT SCALE THIS DRAWING		FILE: 777033484	
				SHEET 1 OF 1	

D	UPDATE CABLE OD, SPECS	KB	12/02/25	500000011963
REV	DESCRIPTION	BY	DATE	ECO NO.